

efficiency.

Please delete the paragraph beginning at page 14, line 4.

**IN THE CLAIMS:**

Amend claims 1-4 as follows:

1. (Amended) A generator set having a converter composed of semiconductor rectifying devices for rectifying the power output of a magnetic generator and an inverter for converting a direct current output of the converter into an alternating current form of a particular frequency, comprising:

A1 a semiconductor rectifying device driving means for controlling the conduction of the semiconductor rectifying devices to maintain the voltage output of the converter at a target voltage level;

a speed detecting means for detecting the speed of the magnetic generator; and

a target voltage setting means for determining the target voltage level to be low when the detected speed is low and to be high when the detected speed is high so that the target voltage level shows a positive characteristic to the detected speed.

2. (Amended) A generator set having an inverter according to claim 1, further comprising:

a conduction rate detecting means for detecting the conduction rate of the

semiconductor rectifying devices; and

an engine speed controlling means for controlling the speed of an engine to drive the generator so that the conduction rate is converged on a predetermined target rate, wherein

the controlling of the speed of the engine is implemented by adjusting the supply of fuel to the engine.

Amended.

3. (Amended) A generator set having an inverter according to claim 2, wherein the engine speed controlling means is arranged to decrease the speed of the engine when the deviation of the conduction rate from the target rate is positive and increase the same when negative.

4. (Amended) A generator set having an inverter according to claim 3, wherein a rate of change of the speed of the engine is greater at an increase than at a decrease thereof.